



CEWELD 316L

| | | | | | | | |
|---|--|-------------------------|----------------------|--------------------|-------------------------|--------|----------|
| TYPE | Solid stainless steel welding wire (AISI 316) | | | | | | |
| TOEPASSINGEN | The alloy is widely used in the chemical and food-processing industries, as well as in shipbuilding and various types of architectural structure. | | | | | | |
| EIGENSCHAPPEN | 316L offers good general corrosion resistance, particularly to corrosion in acid and chlorinated environments. | | | | | | |
| CLASSIFICATIE | AWS | A 5.9: ER316L | | | | | |
| | EN ISO | 14343-A: G 19 12 3 L | | | | | |
| | W.Nr. | 1.4430 | | | | | |
| | F-nr | 6 | | | | | |
| | FM | 5 | | | | | |
| GESCHIKT VOOR | ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30, 1.4583, 1.4435, 1.4436, 1.4404, 1.4406, 1.4408, 1.4401, 1.4571, 1.4580, 1.4406, 1.4521 X102CrNiMoNb 18 12, X2CrNiMo 18 14 3 (TP), X4CrNiMo 17 13 3, X2CrNiMo 17 12 2 (TP), X 5CrNiMo 19 11 2, X4CrNiMo 17 12 2 (TP), X6CrNiMo 17 12 2, X6CrNiMoNb 17 12 3, X2CrNiMoN 17 12 3 (TP), X2CrMoTi18-2 316Cb, 316L, 316L, 316LN, 316H, 316, 316Ti, 316Cb, 316LN, 444 S31640, S31603, S31653, S31600, S31630, S44400 | | | | | | |
| GOEDKEURINGEN | CE | | | | | | |
| LASPOSITIES | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | Si | Mn | Cr | Ni | Mo | |
| | 0.02 | 0.5 | 1.5 | 19 | 12 | 2.8 | |
| MECHANISCHE WAARDEN | Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A ₅ (%) | Impact Energy (J) ISO-V | | Hardness |
| | As Welded | 430 | 590 | 35 | RT | -196°C | |
| | | | | | 100 | 45 | HRC |
| HERDROGEN | Not required | | | | | | |
| GAS ACC. EN ISO 14175 | M11, M13, M12 | | | | | | |



CEWELD 316L

316L 0,8MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| D-200 | 5 | 8720682050071 |

316L 1,2MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663413543 |

316L 2,0MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663413598 |